

Amendments to the Claims:

Please amend claims 1, 13 and 25, cancel claims 7, 12, 19, 24 and 29 and add new claims 32-40 as shown in the following listing of claims. This listing of claims will replace all prior versions and listings of claims in the application.

1. (currently amended) A method for providing a graphical image on a display of a system, the graphical image being provided from data describing a plurality of primitives, ~~the display including a plurality of pixels~~, the method comprising the steps of:

(a) ~~providing a plurality of variable-sized bins containing~~ storing the plurality of primitives in a plurality of bins;

(b) adjusting the capacity of one or more of the bins during operation of the system;

and

~~(b)~~(c) rendering the plurality of primitives by rendering each of the plurality of ~~variable-sized bins~~ ~~variable-sized bin~~ by ~~variable-sized bin~~.

2-12. (cancelled)

13. (currently amended) A computer-readable medium containing a program for providing a graphical image on a display of a system, the graphical image being provided from data describing a plurality of primitives, ~~the display including a plurality of pixels~~, the program including instructions for:

(a) ~~providing a plurality of variable-sized bins containing~~ storing the plurality of primitives in a plurality of bins;

(b) adjusting the capacity of one or more of the bins during operation of the system;

and

~~(b)~~(c) rendering the plurality of primitives by rendering each of the plurality of ~~variable-sized bins~~ ~~variable-sized bin~~ by ~~variable-sized bin~~.

14-24. (cancelled)

25. (currently amended) A system for providing a graphical image on a display, the graphical image being provided from data describing a plurality of primitives, ~~the display including a plurality of pixels~~, the system comprising:

~~means providing a plurality of variable-sized bins containing~~ operable to store the plurality of primitives, the plurality of bins having a variable size wherein the capacity of one or more of the bins can be adjusted during operation of the system; and

~~means, coupled with the providing means,~~ for rendering the plurality of primitives by rendering each of the plurality of variable-sized bins variable-sized bin by variable-sized bin.

26-31. (cancelled)

32. (new) The method of claim 1 wherein step (b) comprises dynamically adjusting the capacity of one or more of the bins during operation of the system.

33. (new) The method of claim 1 wherein step (b) comprises adjusting the capacity of one or more of the bins based on a capacity level of the bins.

34. (new) The method of claim 1 wherein step (b) comprises combining bins or portions of bins.

35. (new) The computer-readable medium of claim 13 wherein the instructions for adjusting the capacity of one or more of the bins during operation of the system comprise instructions for dynamically adjusting the capacity of one or more of the bins during operation of the system.

36. (new) The computer-readable medium of claim 13 wherein the instructions for adjusting the capacity of one or more of the bins during operation of the system comprise instructions for adjusting the capacity of one or more of the bins based on a capacity level of the bins.

37. (new) The method of claim 13 wherein the instructions for adjusting the capacity of one or more of the bins during operation of the system comprise instructions for combining bins or portions of bins.

38. (new) The system of claim 25 wherein the capacity of one or more of the bins can be dynamically adjusted during operation of the system.

39. (new) The system of claim 25 wherein the capacity of one or more of the bins can be adjusted based on a capacity level of the bins.

40. (new) The system of claim 25 further comprising means for combining bins or portions of bins.